

Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1, 2013 to December 31, 2013

☒ Annual
 ☐ Update
 ☐ Revised
 ☐ Facility Information has changed from the last submission

| Facility Identification | | | | Owner/Operator Details | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------|-----------------------|------------------|--|-------|---|--|------|-------|-------|--------------|-------|-------|-------------|--------------------|----------------|----------------|-----------------------------|--|-------------|--------------------|----------------|----------------|-----------------------------|--|
| MI SARA ID : 15233 Name : HARTLAND 36 PLANT Company Name : Merit Energy Street : 13750 LONE TREE RD City : MILFORD State : MI Zip : 48680 County : LIVINGSTON LEPC Name : LIVINGSTON COUNTY LEPC Fire Department : Hartland Township VFD Lat/Long : 42.620706/-83.682248 FTE : 10 Phone : (231) 258-6379 Email : vicki.kniss@meritenergy.com Fax : <input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned Maximum Occupants : 10 | | | | Name : MERIT ENERGY CO Address : P.O. BOX 910, 1510 THOMAS RD SW KALKASKA, MI, 49646, US Phone : (231) 258-9157 Email : viki.kniss@meritenergy.com | | | | | | | | | | | | | | | | | | | | | |
| | | | | Parent Company Details | | | | | | | | | | | | | | | | | | | | | |
| | | | | Name : Dun and Brad No : Address : Phone : Email : | | | | | | | | | | | | | | | | | | | | | |
| SIC Code : 1311 Dun and Brad No : NAICS Code : 211111 TRI Facility ID : EIN ID(Tax Number) : Facility ID : 15233 RMP Facility ID : 100000204897 Nature of Business : Oil and Gas Production Facility Subject to EPCRA Section 312 (Annual Inventory)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Subject to Section 112r of Clean Air Act (CAA)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | Facility Emergency Planning Coordinator | | | | | | | | | | | | | | | | | | | | | |
| Mailing Address | | | | Tier II Information Contact | | | | | | | | | | | | | | | | | | | | | |
| Company Name : MERIT ENERGY COMPANY Attention : Street Address 1 : PO BOX 910, 1510 THOMAS RD SW Street Address 2 : City : KALKASKA State : MI Zip : 49646 Phone : Country : United States | | | | Name : Meranda Lambert Title : Project Geologist Phone : (231) 933-5134 24 Hr. Phone : (231) 933-5134 Email : mflambert@goslingczubak.com | | | | | | | | | | | | | | | | | | | | | |
| Emergency Contacts | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">Name</th> <th style="width:20%;">Title</th> <th style="width:20%;">Phone</th> <th style="width:20%;">24 Hr. Phone</th> <th style="width:20%;">Email</th> <th style="width:20%;">Pager</th> </tr> </thead> <tbody> <tr> <td>KURT JAGODA</td> <td>OPERATIONS MANAGER</td> <td>(231) 229-4235</td> <td>(231) 499-7946</td> <td>kurt.jagoda@meritenergy.com</td> <td></td> </tr> <tr> <td>VICKI KNISS</td> <td>REGULATORY AFFAIRS</td> <td>(231) 258-6379</td> <td>(800) 328-7430</td> <td>vicki.kniss@meritenergy.com</td> <td></td> </tr> </tbody> </table> | | | | | | | | Name | Title | Phone | 24 Hr. Phone | Email | Pager | KURT JAGODA | OPERATIONS MANAGER | (231) 229-4235 | (231) 499-7946 | kurt.jagoda@meritenergy.com | | VICKI KNISS | REGULATORY AFFAIRS | (231) 258-6379 | (800) 328-7430 | vicki.kniss@meritenergy.com | |
| Name | Title | Phone | 24 Hr. Phone | Email | Pager | | | | | | | | | | | | | | | | | | | | |
| KURT JAGODA | OPERATIONS MANAGER | (231) 229-4235 | (231) 499-7946 | kurt.jagoda@meritenergy.com | | | | | | | | | | | | | | | | | | | | | |
| VICKI KNISS | REGULATORY AFFAIRS | (231) 258-6379 | (800) 328-7430 | vicki.kniss@meritenergy.com | | | | | | | | | | | | | | | | | | | | | |
| Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 4, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. Meranda Lambert, Project Geologist Name and official title of owner/operator or authorized representative | | | | | | Optional Attachments <input type="checkbox"/> Site Plan <input type="checkbox"/> Site Coordinate Abbreviations <input type="checkbox"/> Other Safeguard measures <input type="checkbox"/> Facility Emergency Response Plan | | | | | | | | | | | | | | | | | | | |
| | | 2/27/2014 10:10:41 AM | (231) 933-5134 | | | | | | | | | | | | | | | | | | | | | | |
| | | Date Signed | Telephone Number | Signature | | | | | | | | | | | | | | | | | | | | | |

Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name : HARTLAND 36 PLANT ID : 15233

Reporting Period From January 1, 2013 to December 31, 2013

| Chemical Description | Physical and Health Hazards | Inventory | Storage Codes and Location | | | | |
|--|--|---|---|---|--|--|---------------------------------|
| Chemical ID : 368966 Check if Chemical Information is changed from the last submission : <input type="checkbox"/> CAS # : 7647-14-5 Substance is a Trade Secret : <input type="checkbox"/> Chemical Name : BRINEWATE SUPERFINE EHS : <input type="checkbox"/> Contains EHS : <input type="checkbox"/> Exceeds TPQ : <input type="checkbox"/> EHS Name : <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas MSDS Chemical Added On : Check if the chemical is below reporting threshold : <input type="checkbox"/> | <input type="checkbox"/> Fire <input type="checkbox"/> Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate <input type="checkbox"/> Delayed (Chronic) | 175140 Max Daily Amt (lbs) 10 Max Daily Amt Code 87570 Avg Daily Amt (lbs) 9 Avg Daily Amt Code 0 Max Amt in Largest Container (lbs) 365 No of days onsite | Container Type [A]Above ground tank | Pressure [2]Greater than ambient pressure | Temperature [4]Ambient temperature | Storage Location FACILITY SITE | Max Amt At Location(lbs) |

| Chemical Description | Physical and Health Hazards | Inventory | Storage Codes and Location | | | | |
|---|--|--|---|--|--|--|---------------------------------|
| Chemical ID : 368970 Check if Chemical Information is changed from the last submission : <input type="checkbox"/> CAS # : 67-56-1 Substance is a Trade Secret : <input type="checkbox"/> Chemical Name : METHANOL EHS : <input type="checkbox"/> Contains EHS : <input type="checkbox"/> Exceeds TPQ : <input type="checkbox"/> EHS Name : <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas MSDS Chemical Added On : Check if the chemical is below reporting threshold : <input type="checkbox"/> | <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Pressure <input checked="" type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate <input checked="" type="checkbox"/> Delayed (Chronic) | 8587 Max Daily Amt(lbs) 5 Max Daily Amt Code 3303 Avg Daily Amt (lbs) 4 Avg Daily Amt Code 0 Max Amt in Largest Container (lbs) 365 No of days onsite | Container Type [A]Above ground tank | Pressure [1]Ambient pressure | Temperature [4]Ambient temperature | Storage Location THROUGHOUT FACILITY | Max Amt At Location(lbs) |

| Chemical Description | Physical and Health Hazards | Inventory | Storage Codes and Location | | | | |
|--|--|---|-----------------------------------|---|--|---|---------------------------------|
| Chemical ID : 368967 Check if Chemical Information is changed from the last submission : <input type="checkbox"/> CAS # : 74-82-8 Substance is a Trade Secret : <input type="checkbox"/> Chemical Name : NATURAL GAS LIQUIDS EHS : <input type="checkbox"/> Contains EHS : <input type="checkbox"/> Exceeds TPQ : <input type="checkbox"/> EHS Name : <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas MSDS Chemical Added On : Check if the chemical is below reporting threshold : <input type="checkbox"/> | <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate <input type="checkbox"/> Delayed (Chronic) | 115092 Max Daily Amt (lbs) 10 Max Daily Amt Code 57546 Avg Daily Amt (lbs) 8 Avg Daily Amt Code 0 Max Amt in Largest Container (lbs) 365 No of days onsite | Container Type [R]Other | Pressure [2]Greater than ambient pressure | Temperature [6]Less than ambient temperature but not cryogenic | Storage Location UNDERGROUND SLUG CATCHER | Max Amt At Location(lbs) |

| Chemical Description | Physical and Health Hazards | Inventory | Storage Codes and Location | | | | |
|---|---|---|---|---|---|--|---------------------------------|
| Chemical ID : 368969 Check if Chemical Information is changed from the last submission : <input type="checkbox"/> CAS # : N/A Substance is a Trade Secret : <input type="checkbox"/> Chemical Name : PRODUCED HYDROCARBONS EHS : <input type="checkbox"/> Contains EHS : <input type="checkbox"/> Exceeds TPQ : <input type="checkbox"/> EHS Name : <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas MSDS Chemical Added On : Check if the chemical is below reporting threshold : <input type="checkbox"/> | <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate <input checked="" type="checkbox"/> Delayed (Chronic) | 275530 Max Daily Amt (lbs) 10 Max Daily Amt Code 138711 Avg Daily Amt (lbs) 10 Avg Daily Amt Code 0 Max Amt in Largest Container (lbs) 365 No of days onsite | Container Type [R]Other | Pressure [2]Greater than ambient pressure | Temperature [5]Greater than ambient temperature | Storage Location FACILITY SITE | Max Amt At Location(lbs) |
| | | | Container Type [R]Other | Pressure [1]Ambient pressure | Temperature [4]Ambient temperature | Storage Location FACILITY SITE | Max Amt At Location(lbs) |
| | | | Container Type [A]Above ground tank | Pressure [2]Greater than ambient pressure | Temperature [5]Greater than ambient temperature | Storage Location FACILITY SITE | Max Amt At Location(lbs) |
| | | | Container Type [A]Above ground tank | Pressure [1]Ambient pressure | Temperature [4]Ambient temperature | Storage Location FACILITY SITE | Max Amt At Location(lbs) |

| Chemical Description | Physical and Health Hazards | Inventory | Storage Codes and Location | | | | |
|---|--|---|---|--|--|--|---------------------------------|
| Chemical ID : 368965 Check if Chemical Information is changed from the last submission : <input type="checkbox"/> CAS # : N/A Substance is a Trade Secret : <input type="checkbox"/> Chemical Name : PRODUCED HYDROCARBONS EHS : <input type="checkbox"/> Contains EHS : <input type="checkbox"/> Exceeds TPQ : <input type="checkbox"/> EHS Name : <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas MSDS Chemical Added On : Check if the chemical is below reporting threshold : <input type="checkbox"/> | <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate <input type="checkbox"/> Delayed (Chronic) | 13834 Max Daily Amt (lbs) 6 Max Daily Amt Code 13834 Avg Daily Amt (lbs) 6 Avg Daily Amt Code 0 Max Amt in Largest Container (lbs) 365 No of days onsite | Container Type [A]Above ground tank | Pressure [1]Ambient pressure | Temperature [4]Ambient temperature | Storage Location SYSTEM OPERATIONS | Max Amt At Location(lbs) |

| Chemical Description | Physical and Health Hazards | Inventory | Storage Codes and Location | | | | |
|--|--|---|---|--|--|--|---------------------------------|
| Chemical ID : 368968 Check if Chemical Information is changed from the last submission : <input type="checkbox"/> CAS # : 74-98-6 Substance is a Trade Secret : <input type="checkbox"/> Chemical Name : PROPANE EHS : <input type="checkbox"/> Contains EHS : <input type="checkbox"/> Exceeds TPQ : <input type="checkbox"/> EHS Name : <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas MSDS Chemical Added On : Check if the chemical is below reporting threshold : <input type="checkbox"/> | <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Pressure <input checked="" type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate <input checked="" type="checkbox"/> Delayed (Chronic) | 16159 Max Daily Amt(lbs) 6 Max Daily Amt Code 7756 Avg Daily Amt (lbs) 5 Avg Daily Amt Code 0 Max Amt in Largest Container (lbs) 365 No of days onsite | Container Type [A]Above ground tank | Pressure [1]Ambient pressure | Temperature [4]Ambient temperature | Storage Location THROUGHOUT FACILITY | Max Amt At Location(lbs) |

| Chemical Description | Physical and Health Hazards | Inventory | Storage Codes and Location | | | | |
|--|---|---|---|--|---|---|---------------------------------|
| Chemical ID : 368964 Check if Chemical Information is changed from the last submission : <input type="checkbox"/> CAS # : N/A Substance is a Trade Secret : <input type="checkbox"/> Chemical Name : SOLVENTS-AMINE, SULFINOL EHS : <input type="checkbox"/> Contains EHS : <input type="checkbox"/> Exceeds TPQ : <input type="checkbox"/> EHS Name : <input checked="" type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas MSDS Chemical Added On : Check if the chemical is below reporting threshold : <input type="checkbox"/> | <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Pressure <input checked="" type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate <input type="checkbox"/> Delayed (Chronic) | 46751 Max Daily Amt (lbs) 7 Max Daily Amt Code 46751 Avg Daily Amt (lbs) 7 Avg Daily Amt Code 0 Max Amt in Largest Container (lbs) 365 No of days onsite | Container Type [A]Above ground tank [A]Above ground tank | Pressure [1]Ambient pressure [2]Greater than ambient pressure | Temperature [4]Ambient temperature [5]Greater than ambient temperature | Storage Location SYSTEM OPERATIONS SYSTEM OPERATIONS | Max Amt At Location(lbs) |